

SUBSTITUTE FORM PTO-1449
(MODIFIED)DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
07257/017005

SERIAL NO.

09/150200

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT:
Michael Karin et al.FILING DATE
9/8/98

GROUP

1652

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ABL							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AC	Derijard, B., et al., JNK1: A Protein Kinase Stimulated by UV Light and Ha-Ras That Binds and Phosphorylates the c-Jun Activation Domain, <i>Cell</i> , Vol. 76, 1-20, March 25, 1994, pp. 1-120.
AD	Cano, E., et al., Parallel signal processing among mammalian MAPKs, <i>Elsevier Science Ltd.</i> , (1995), 117-122
AE	Hibi, M., et al., Identification of an oncoprotein and UV-responsive protein kinase that binds and potentiates the c-Jun activation domain, <i>Genes and Development</i> 7:2135-2148 (1993)
AF	Minden, A., et al., c-Jun N-Terminal Phosphorylation Correlates with Activation of the JNK Subgroup but Not the ERK Subgroup of Mitogen-Activated Protein Kinases, <i>Molecular and Cellular Biology</i> , Oct. 1994, 14 (10), 6683-6688
AG	Adler et al., Phorbol esters stimulate the phosphorylation of c-Jun but not v-Jun: Regulation by the N-terminal δ domain, <i>Proc. Natl. Acad. Sci. USA.</i> , Vol. 89, pp.5341-5345, June 1992, Biochemistry
AH	Boulton, et al., ERKs: A Family of Protein-Serine/Threonine Kinases That Are Activated and Tyrosine Phosphorylated in Response to Insulin and NGF, <i>Cell</i> , Vol. 65, pp. 663-675, May 17, 1991
AI	Boulton, T.G., et al., An insulin-Stimulated Protein Kinase Similar to Yeast Kinases Involved in Cell Cycle Control, <i>Science</i> , Vol. 249, July 6, 1990, pp. 64-67
AJ	Anderson et al., Requirement for integration of signals from two distinct phosphorylation pathways for activation of MAP kinase, <i>Nature</i> , Vol. 343, February 15, 1990, pp. 651-653
AK	Pulverer et al., Phosphorylation of c-jun mediated by MAP kinases, <i>Nature</i> , Vol. 353, October 17, 1991, pp. 670-674
AL	Kyriakis et al., pp54, Microtubule-associated Protein 2 Kinase, <i>The Journal of Biological Chemistry</i> , Vol. 265, No. 28, October, pp. 17355-17363

EXAMINER

DATE CONSIDERED

5/25/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.